Operation weight: 2,875 kg
Power: 29.4 kW (39.5 HP)
Shovel capacity: 0.34 - 0.5 m³
COMPACT AND AGILE WITH IMPRESSIVE INNER VALUES.

weycor wheel loaders are more than the sum of their parts. They reflect true passion, a fascination with technology and ‘Made in Germany’ quality.

The AR 35 Super has compact dimensions and a small turning circle. It's perfect for horticulture, landscape gardening and agriculture applications, or on small construction sites.

The ‘small’ AR 35 Super has all the inner values that people appreciate in weycor wheel loaders: stability, long lifespan and impressive performance data.

Reflecting ATLAS Weyhausen’s philosophy of always focusing on the optimum solution, the AR 35 Super has technical highlights that are generally exclusive to larger wheel loaders. The AR 35 Super is unusual in that it is available with three different cabin design options.
WEYCOR: POWERFUL, PRECISE, RELIABLE.

LATEST KINEMATICS TECHNOLOGY
The proven and tested weycor kinematics with its exceptional tear-out force and excellent lifting heights. The tapered loading rocker makes sure you can always keep an eye on the attachment.

EASY MAINTENANCE
Low-maintenance and quick, easy servicing is achieved by central, consolidated, easy-to-reach service points.

LOW CENTER OF GRAVITY
Thanks to their low center of gravity, weycor wheel loaders are secured against tipping, even under extreme circumstances.

SEPARATE INCHING PEDAL
Less wear & tear and fuel consumption; in contrast to the conventional combined brake/inching pedal, with the separate inching pedal, the risk of inadvertently activating the main brake while you drive is eliminated.

ARTICULATED PENDULUM JOINT
Provides for excellent maneuverability and cross-country mobility. Even on challenging terrain, the low center of gravity ensures exceptional stability.

HYDRAULIC QUICK-CHANGE ATTACHMENT
By allowing you to change the wheel loader’s attachments in a few seconds, it turns the vehicle into an all-rounder.

OPTIONAL CABIN VERSION
In addition to the excellent circumferential visibility in the wheel loader, its clearly arranged controls and its ergonomic design.

POWERFUL DRIVE UNIT
weycor wheel loaders are equipped with state-of-the-art engines which combine high power reserves for challenging operations with up-to-date low emission values.

PERKINS ENGINE 403D-15T INDUSTRIAL
The 400 Series engine family continues to set standards in the compact engine range. Developed alongside customers to fulfill their needs in the construction, materials handling and agricultural/turf markets. Built to the most demanding standards, the 403D engines meet all the requirements of the off-highway emissions legislation for TIER 4. The noise levels have been kept to a minimum; product design and process improvements enhance both engine reliability and durability.
STEERING
- Fully hydraulic center pivot steering
- Front and rear wheels follow the same track
- 12° angular movement at rear of vehicle
- Operating pressure of steering hydraulics 145 bar
- Emergency steering function

TIREs
- Standard: 10.00/16.5-13 MPT – Multi-purpose tires for sand and gravel surface, woodchips, roads and paths
- Special tires: 11.0-20.5-12.5 MPT – Multi-purpose tires for soft surfaces, asphalt, roads, gardening and landscaping
- 31x15.5-15E – Multi-purpose tires for earth moving machines, particularly surface friendly, gardening and landscaping

FUEL/OIL CAPACITIES
- Diesel: 50 Liter
- Hydraulic oil: 28 Liter
- Engine oil: 3 Liter
- Gear oil: 0.65 Liter
- Cooling liquid: 6 Liter

STANDARD EQUIPMENT
- wyecon canopy cabin with roll-bar protection
- Activation of all functions by wyecon joystick
- Control lights for speed range, forward/backward travel
- Lights acc. to German SVZO for road travel
- Individually adjustable driver’s seat
- Control lights for engine oil pressure, overheating, hydraulic oil temperature, battery power, parking brake, air filter
- Central dashboard with indicators for preheating, fuel, working hour meter

HYDRAULIC SYSTEM
- Gear pump for loading and steering hydraulics
- Priority valve favoring steering hydraulics
- 3rd steering section for loading hydraulics
- Contoured joystick, including heat position
- Operating pressure: 230 bar, Delivery of pump: 39 l/min

LOADING EQUIPMENT
- Powerful and solid 2-knematics with high tear out force
- Hydraulic quick change device
- Activation of all functions by wyecon joystick
- Automatic mid position of joystick
- Parallel movement while using pallet forks
- Automatic shovel return to excavation position
- Locking device acc. to German SVZO for road travel

OPTIONS
- 4th section front or rear
- Main battery switch
- Special paintings and oils
- Cyclone dust separator
- Trailer coupling
- Sound absorbing ROPS cab

DIAGRAM FOR SHOVEL SELECTION
- More special tires upon request

INCLUSIVE
- Emergency steering function
- Operating pressure of steering hydraulics 145 bar
- ±12° angular movement at rear of vehicle

TECHNICAL DATA
- Driving: Perkins Diesel engine 403D-15T
- Transmission: 3-stage fan
- Brake: Cardan to all 4 wheels
- Supplemantary: Starter

ELECTRICAL SYSTEM
- Operating voltage: 12 V
- Battery: 66 Ah
- Alternator: 65 A
- Starter: 12 V / 2.0 Ah

DRIVE
- Output-regulated hydrostatic drive with pressure cut off and closed circuit acting on all 4 wheels
- Speed with standard tires: Operating speed range 0-6.5 km/h
- Front axle: 15.5/55 R18 – Multi-purpose tires for earth moving machines, particularly surface friendly, gardening and landscaping
- More options upon request

TECHNICAL DATA AR 35 SUPER WITH STANDARD SHOVEL

TECHNICAL DATA AR 35 SUPER WITH PALLET FORKS

OPERATING DATA
- Shovel capacity acc. to SAE 0.34 m³
- Track width: 1.070 m
- Turning radius (outer shovel edge): 3.242 m
- Tear out force: 2,430 daN
- Torque: 2,305 kW
- Tipping load, straight: 1,911 kg
- Tipping load, articulated: 1,700 kg
- Lifting capacity at ground level: 2,100 daN
- Service weight: 2,875 kg

SPECIFIC GRAVITY FOR MATERIAL HANDLING WEIGHT (t/m³)

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<thead>
<tr>
<th>Industry</th>
<th>Specific Gravity</th>
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<tbody>
<tr>
<td>Agriculture</td>
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<td>Forestry</td>
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<td>Gardening</td>
<td>1.8</td>
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<tr>
<td>Industry</td>
<td>1.2</td>
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</tbody>
</table>

DIFFERING DATA FOR USE OF PALLET FORKS
- Static tipping load, articulated: 1,422 kg
- Lifting capacity: 1,600 daN
- Payload 50% even surface*: 1,138 kg
- Payload 50% uneven surface**: 853 kg

Hand / arm / body vibration:

- Measured values with each permitted case to be given
- According to ISO 8313 and EN 474-3
- ** According to 2000/14/EG & appendixes
- *** According to ISO 14396, EU RL97/68/EC

SOUND LEVELS
- Level A: 1,01 dB(A)
- Guaranteed sound power level L_{A,0} = 1,01 dB(A)
- Specific vibration data:
- Hand / arm / body vibration
- < 2.505.5 m/s²
You can find our current product range and more exciting details at: www.products.weycor.de